

UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

PATENT NO. : 6,817,377 B1  
APPLICATION NO. : 09/505580  
DATED : November 16, 2004  
INVENTOR(S) : Reimer et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page,

Item [75], Inventors: Change "Paul Reimer" to --Peter Reimer--

Column 1, Line 61: Change "vacuum-pumps" to --vacuum pumps--

Column 2, Lines 27-28: Change "conventional" to --conventionally--

Column 3, Line 35: Change "throughout" to --throughput--

Column 4, line 44: Before "integrated", change "a" to --an--

Column 7, Line 27: Change "10<sup>2</sup>" to --10<sup>2</sup>--

Column 7, Line 36: Change "additional" to --addition--

Column 8, Line 28: Change "Its" to --I/s--

Column 8, Line 49: Change "94" to "194"

Column 9, Line 14: Delete the comma after "the"

Column 9, Line 22: Change "65a" to --65a-c--

Table 1: Move "FORELINE" from the secondary heading of the last column to the primary heading of the last column

Table 1: Insert --Piping-- before "losses" in the secondary heading of the last column

Table 1, Column 5, Line 2: Change "3S" to --38--

Table 1, Column 3, Line 4: Change "SO: to --80--

Table 1, Column 3, Line 7: Change "300" to --100--

Column 10, Line 18: After "rather", change "that" to --than--

Column 11, Lines 21 and 28: Change each instance of "10" to --110--

Column 11, Line 32: Change "ml/s<sup>2</sup>" to --m/s<sup>2</sup>--

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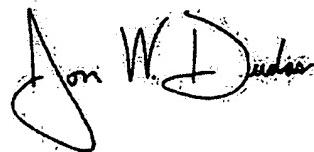
Page 2 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 13, Line 30: Change "pump" to --Pump--  
Column 15, Line 32: Change "PT" to --P,--  
Column 15, Line 62: Delete "51"  
Column 16, Line 9: Insert a period after "155"  
Column 16, Line 33: Delete "id"  
Column 18, Line 53: Change "370a,b" to --70a,b--  
Column 19, Line 42: Delete "includes"  
Column 19, Line 53: After "wherein", delete "each"

This certificate supersedes Certificate of Correction issued August 15, 2006.

Signed and Sealed this  
Second Day of January, 2007



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*